



# Electricity Oversight Board

*Daily Report for Wednesday, December 10, 2003*

The average zonal price at \$26.73/MWh dropped by 27 percent for SP15 from \$36.81/MWh, and by 34 percent for NP15 from \$40.02/MWh on Tuesday. The lower zonal prices for Wednesday could have partly resulted from the re-rate of the California-Oregon-Intertie (COI) and lower average demand levels of over 380 MW, however most indicating factors pointing to high prices, such as:

- High natural gas prices. The average natural gas increased by 3 percent at \$6.13/MMBtu up from \$5.99/MMBtu on Monday.
- Increased generation outage levels by roughly 2,000 MW. The generation outage levels ranged between 9,500 MW and 11,600 MW.
- Cooler temperatures in the south. Temperatures in southern California dropped between 4 and 9 degrees and ranged in the low-60s. Temperatures remained fairly stable in the north and ranged in the mid-50s.

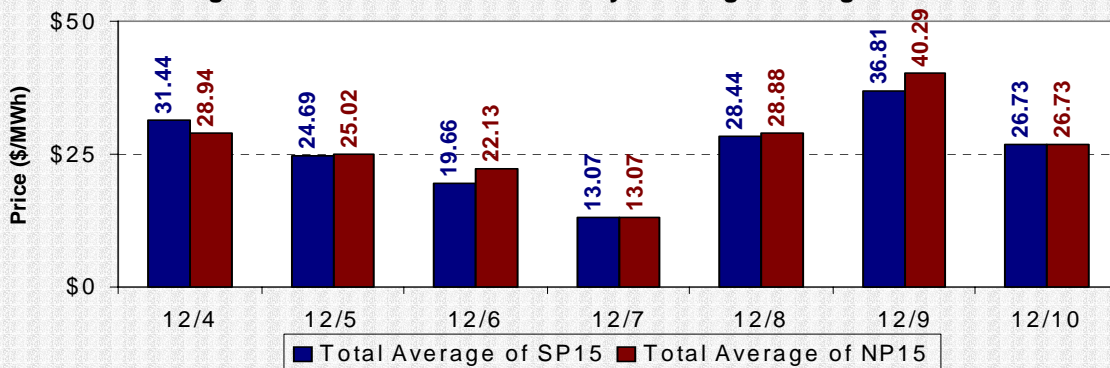
In an effort to mitigate intra-zonal congestion, the CAISO requested decremental energy bids for the following banks:

- Miguel banks between 8 a.m. and 6 p.m.
- Vaca-Dixon Bank between 10 a.m. and 6 p.m.
- Victorville-Lugo from 11 p.m. through end of the day.

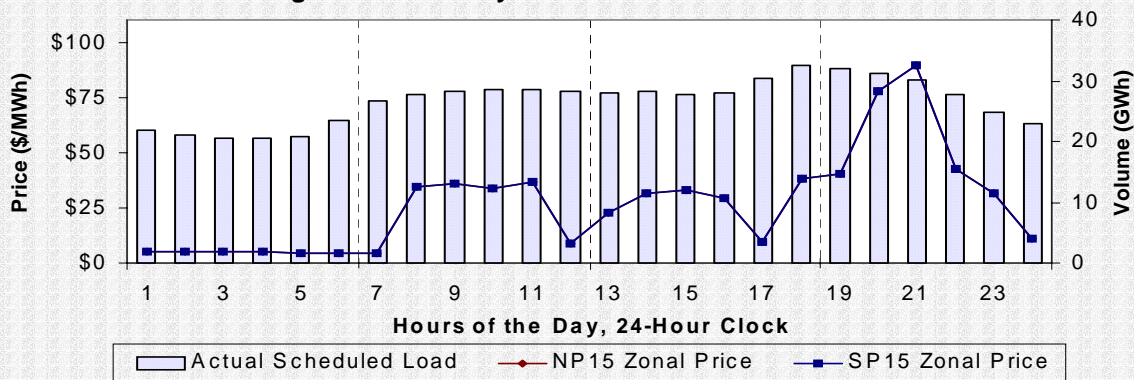
The CAISO de-rated the transmission capacity rating between for the following:

- COI, in the north-to-south direction, from 3,000 MW to 4,800 MW and in the south-to-north direction from 3,200 MW to 3,675 MW between 8 a.m. and 6 p.m.
- Path 26, in both directions, from 3,000 MW to 2,500 MW for the entire day.

**Figure 1 - SP15 & NP15 7-Day Rolling Average Prices**



**Figure 2 - Hourly Zonal Price and Volume**





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Figure 3 - On-Peak Average Price by Market Area

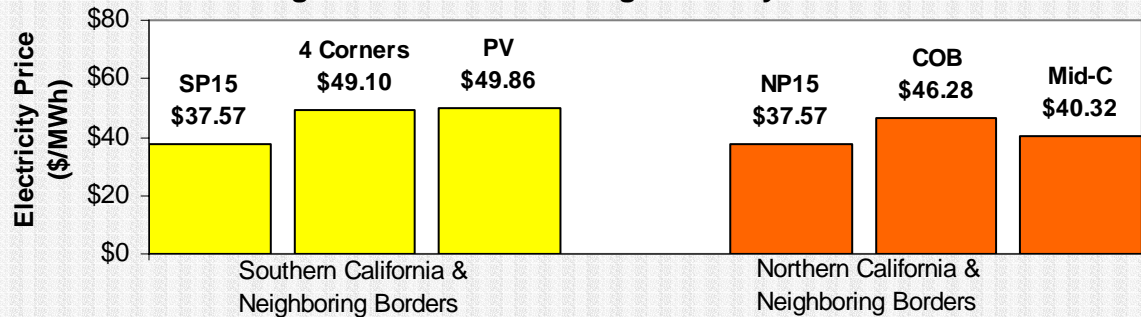


Figure 4a - Seven Day Snapshot of NP15

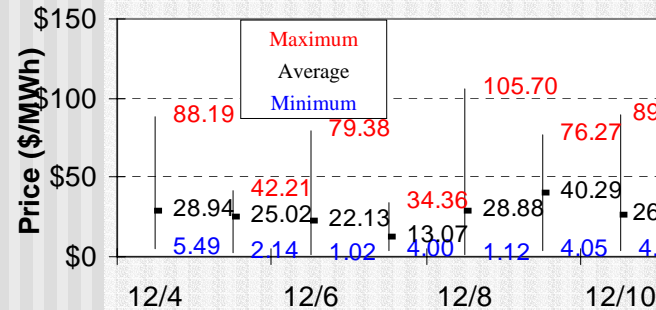


Figure 4b - Seven Day Snapshot of SP15

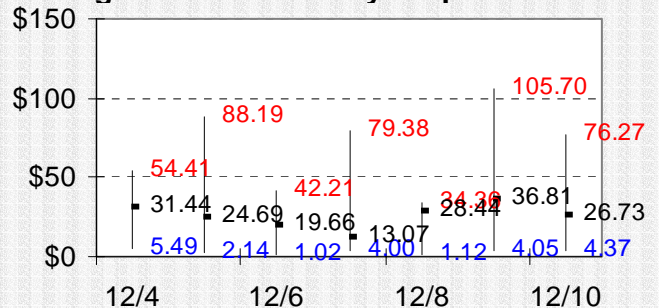


Figure 5 - Temperatures Across California

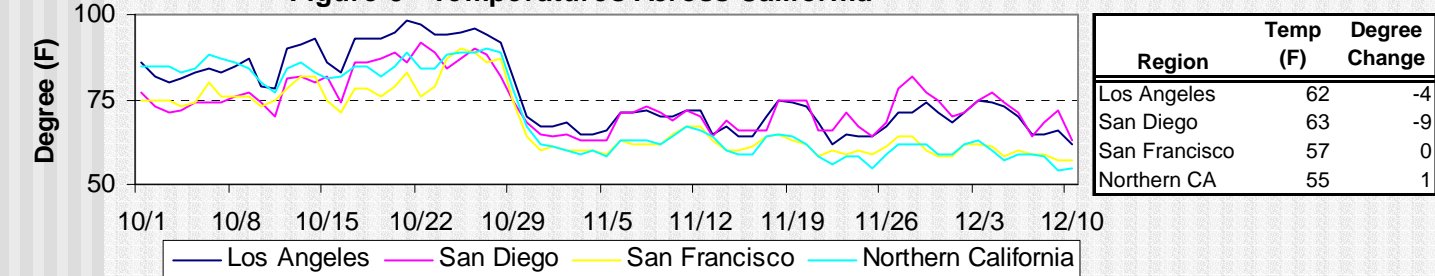


Figure 6 - Average Natural Gas Price

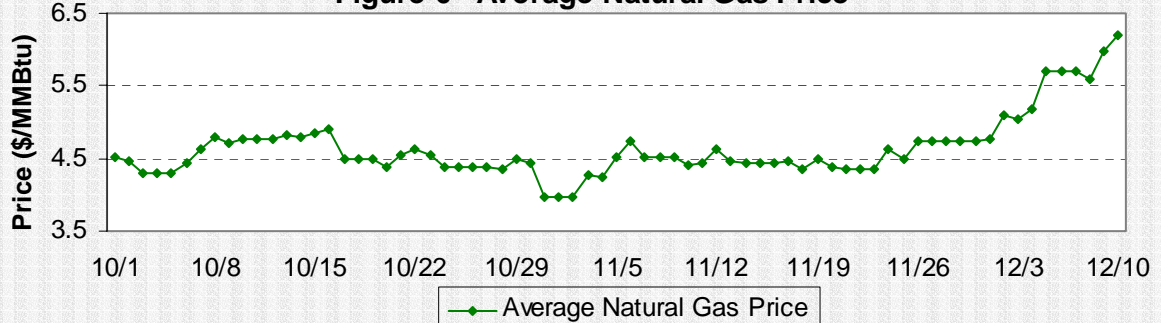


Figure 7 - Average Daily Zonal Price & Total Actual Load

